

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 272033

70

ORIGIN ARA-10

INFO OCT-01 ISO-00 PM-03 INR-05 MC-01 SS-15 EB-07 NEA-06

IGA-01 L-02 OMB-01 TRSE-00 CIAE-00 NSAE-00 RSC-01

/053 R

DRAFTED BY ARA/MEX:JFKEANE:AC

APPROVED BY ARA/MEX:GFALK

PM/ISO:M.PASZTALNIEC

DOD:OASD/ISA:CAPT. GOODEN

----- 031291

P R 112226Z DEC 74

FM SECSTATE WASHDC

TO AMEMBASSY MEXICO PRIORITY

INFO SECDEF WASHDC

ARMISH/MAAG TEHRAN

LIMITED OFFICIAL USE STATE 272033

E.O. 11652:N/A

TAGS: MILI, MX

SUBJECT:BELL 214A HELICOPTER TEST PROGRAM

REF: CDR USAAVSCOM STL MO 201750Z NOV 74

BEGIN UNCLASSIFIED

1. U.S.G. WOULD LIKE TO OBTAIN GOM APPROVAL FOR BELL HELICOPTER COMPANY TO CONDUCT U.S. MILITARY QUALIFICATION TESTS OF THEIR 214A BELL HELICOPTER AT TOLUCA, MEXICO FROM 6 JANUARY TO 1 APRIL, 1975. THE RATIONALE FOR CONDUCTING THE TESTS IN MEXICO IS TO DUPLICATE THE HIGH ELEVATION, HOT DAY, AMBIENT CONDITIONS FOR WHICH THE AIRCRAFT IS BEING DESIGNED AND TO PERMIT MILITARY FLIGHT QUALIFICATION TESTS DURING THE WINTER, WHICH HAS BEEN NECESSITATED BY SCHEDULE SLIPPAGE. THE TESTS WERE ORIGINALLY SCHEDULED FOR EARLIER THIS FALL IN COLORADO. THE DEPARTMENT OF DEFENSE HAS ASSURED US THAT, BASED UPON A CLIMATOLOGICAL ASSESSMENT OF THE U.S., THERE IS NO GEOGRAPHICAL AREA

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 272033

WITHIN CONUS THAT WOULD MEET THE SPECIFICATIONS DURING THE

JANUARY-APRIL TIME-FRAME.

BEGIN LOU (FOR YOUR INFORMATION ONLY)

2. U.S.G. IS PROCURING MODEL 214A FOR THE GOVERNMENT OF IRAN FROM THE BELL HELICOPTER COMPANY. MESA CENTRAL OF MEXICO CLOSELY RESEMBLES HIGH GROUND ELEVATION AND AMBIENT CONDITIONS OF IRAN. A US ARMY IRANIAN PROJECT MANAGEMENT OFFICE WAS ESTABLISHED TO MANAGE THE PROCURE-

MENT OF THE MODEL 214A HELICOPTER AND TO ASSURE THAT GOVERNMENT OF IRAN WILL BE PROVIDED WITH EQUIPMENT HAVING THE SAME DEGREE OF ENGINEERING, TECHNICAL AND LOGISTICS SUPPORT AS EQUIPMENT DEPLOYED TO U.S. TROOPS. END FYI

BEGIN UNCLASSIFIED.

3. THE AIRCRAFT IS A NEWLY DEVELOPED 15,000 LB. UTILITY HELICOPTER DERIVED FROM THE UH-1 SERIES. THE AIRCRAFT HAS A TWO-BLADED, TEETERING MAIN ROTOR AND IS POWERED BY ONE LYCOMING LTC4B-8D TURBOSHAFT ENGINE HAVING A THERMODYNAMIC RATING OF 2,930 SHAFT HORSEPOWER AT SEA-LEVEL, STANDARD-DAY CONDITIONS. THE AIRCRAFT IS INTENDED TO BE CAPABLE OF OPERATIONS FROM UNPREPARED AREAS AND DURING INSTRUMENT METEOROLOGICAL CONDITIONS, INCLUDING LIGHT ICING. DESIGN FOR HIGH GROUND ELEVATION DICTATES HIGH DENSITY ALTITUDE CAPABILITY FOR THE MODEL 214A. PROVISIONS ARE INCLUDED FOR A CREW OF TWO AND VARIOUS PAYLOAD CONFIGURATIONS THAT INCLUDE SEATING 14 TROOPS. THE MISSION OF THE AIRCRAFT WILL BE TO TRANSPORT PERSONNEL; SPECIAL TEAMS OR CREWS; EQUIPMENT AND SUPPLIES; AMBULANCE SERVICE FOR MEDICAL EVACUATION AND BETWEEN MEDICAL INSTALLATIONS; AND AS AN INSTRUMENT TRAINER.

4. THE OBJECTIVES OF THE MODEL 214A AIRWORTHINESS AND FLIGHT CHARACTERISTICS (A&FC) TESTS ARE AS FOLLOWS:

(A) TO PROVIDE QUANTITATIVE AND QUALITATIVE ENGINEERING FLIGHT TEST DATA FOR DETERMINING COMPLIANCE WITH THE DETAIL SPECIFICATION AND APPLICABLE MILITARY SPECIFICATION LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 STATE 272033

TIONS.

(B) TO DETERMINE THE STABILITY AND CONTROL, HANDLING QUALITIES, AND PERFORMANCE CHARACTERISTICS OF THE AIRCRAFT.

(C) TO EVALUATE THE ADEQUACY OF HELICOPTER SYSTEMS AND SUBSYSTEMS, INCLUDING ALLIED EQUIPMENT.

(D) TO OBTAIN DATA FOR INCLUSION IN THE OPERATOR'S MANUAL AND OTHER HANDBOOKS.

(E) TO VERIFY THE RECOMMENDED FLIGHT ENVELOPE FOR OTHER TESTS AND OPERATIONAL USE.

5. THIS EVALUATION WILL BE CONDUCTED ON A PROTOTYPE MODEL OF THE 214A HELICOPTER AT THE BHC FLIGHT TEST FACILITY AT ARLINGTON, TEXAS, AND AT THE HIGH-ALTITUDE TEST SITE MENTIONED ABOVE. SPECIAL EMPHASIS WILL BE

PLACED ON HIGH DENSITY ALTITUDE OPERATIONS IN PROXIMITY TO THE GROUND. FLIGHT RESTRICTIONS AND OPERATION LIMITATIONS WILL BE ESTABLISHED BY A SAFETY-OF-FLIGHT RELEASE TO BE ISSUED BY US ARMY AVIATION SYSTEMS COMMAND (AVSCOM). THE EVALUATION WILL REQUIRE 85 PRODUCTIVE FLIGHT TEST HOURS. GOM OBSERVERS WOULD BE WELCOME FOR THESE TESTS.

6. THE TESTS MAY REQUIRE THE PRESENCE OF UP TO 45 U.S. CIVILIANS AND MILITARY PERSONNEL WHOSE NAMES WILL BE PROVIDED ONCE APPROVAL IS OBTAINED.

7. MR. DAVE J. LACKEY WILL BE IN CHARGE OF THE TEST PROGRAM IN MEXICO. MAJOR WILLIAM HORTON, OFFICE OF U.S. ARMY-AVIATION ENGINEERING FLIGHT ACTIVITY, EDWARDS AFB, CALIFORNIA, WILL BE IN CHARGE OF MILITARY CONTINGENT IN MEXICO.

8. IT WILL BE NECESSARY TO HAVE GOM PERMISSION FOR TEMPORARY ENTRY OF FOLLOWING:

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 STATE 272033

(A) 1 EA UH-1H S/N 73-21805 HELICOPTER

(B) 1 EA 214A HELICOPTER WITH BHC S/N 2700, FAA REGISTRATION NO. N214W.

(C) 1 EA FIREFIGHTING TRUCK-MODEL 530B USA NO. 04N29969

(D) 1 EA AMBULANCE-DODGE TRADESMAN 300 VAN, VEHICLE NO. CA2922

(E) 1 EA INSTRUMENTATION VAN (MOBILE) LICENSE NO. CC3374

(F) 1 EA OFFICE TRAILER LICENSE NO. 1M9742

(G) 2 EA AUXILIARY POWER UNITS - LICENSE NOS.
USA 1072514389 AND 0371285476

9. HELICOPTERS WILL BE FLOWN FROM FT. WORTH, TEXAS TO
TOLUCA, MX. RELATED TEST AND SUPPORT EQUIPMENT WILL BE
TRANSPORTED TO MEXICO BY VAN. U.S. ARMY WILL HAVE ITS
TEST AND SUPPORT EQUIPMENT FLOWN TO MEXICO CITY IN
USAF C-5A. BHC POINT OF CONTACT IN MEXICO IS CARLOS NINO
DE RIVERA, PHONE 571-3156, MEXICO CITY, MEXICO.

BEGIN LIMITED OFFICIAL USE

10. FYI: IF EMBASSY BELIEVES THAT IT WOULD ENHANCE
CHANCES OF OBTAINING GOM APPROVAL, MEXICAN SECRETARY OF
DEFENSE MAY BE INFORMED THAT USG IS ASSISTING BHC IN
DEVELOPMENT OF HELICOPTER FOR GOVERNMENT OF IRAN.

11. BELL HAS INDICATED THAT 20 DECEMBER IS DEADLINE FOR
COMPLETION OF PREPARATION OF JANUARY 6 TESTS. DEPART-
MENT IS AWARE THIS IS EXTREMELY SHORT FUSE, NONETHELESS,
FURTHER DELAYS WILL BE COSTLY TO USG, HENCE EMBASSY IS
REQUESTED TO TRY AND OBTAIN GOM DETERMINATION AS TO
WHETHER QUALIFICATION TESTS CAN BE CONDUCTED IN MEXICO
DURING SPECIFIED TIME FRAME. IF NOT, WHAT ARE ALTERNA-
TIVE TIME FRAMES ACCEPTABLE TO GOM? PLEASE ADVISE
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 05 STATE 272033

ARA/MEX BY 16:00 HRS., 18 DECEMBER BY TELEPHONE IF
NECESSARY. END FYI. INGERSOLL

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TECHNICAL ASSISTANCE, HELICOPTERS
Control Number: n/a
Copy: SINGLE
Draft Date: 11 DEC 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: boyleja
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974STATE272033
Document Source: CORE
Document Unique ID: 00
Drafter: JFKEANE:AC
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D740360-0274
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19741242/aaaabjzu.tel
Line Count: 203
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN ARA
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 74 CDR USAAVSCOM STL MO 201750Z, 74 NOV 74
Review Action: RELEASED, APPROVED
Review Authority: boyleja
Review Comment: n/a
Review Content Flags:
Review Date: 20 AUG 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <20 AUG 2002 by izenbei0>; APPROVED <18 MAR 2003 by boyleja>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: ELL 214A HELICOPTER TEST PROGRAM
TAGS: MILI, MX, US, BELL HELICOPTER CO
To: MEXICO
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005